

CLAIMS

What is claimed is:

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1. An electronic wireless badge device, comprising:
a wireless front end; and
an electronic display adapted to electronically display badge
information received by said wireless front end.
 2. The electronic wireless badge device according to claim
10 1, wherein:
said electronic display is adapted to display any one of a
plurality of different badge information at any one time.
 3. The electronic wireless badge device according to claim
15 1, wherein:
said wireless front end is a wireless piconet front end.
 4. The electronic wireless badge device according to claim
1, wherein:
20 said wireless piconet front end is a BLUETOOTH device.
 5. The electronic wireless badge device according to claim
1, wherein:
said badge information includes a photo of an authorized
25 wearer.
 6. The electronic wireless badge device according to claim
1, wherein:
said electronic display is an LCD device.

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7. The electronic wireless badge device according to claim 1, further comprising:

non-volatile display memory for storing badge information for display on said badge display.

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8. A network security station, comprising:

a database of authorized user codes;

a database of badge information corresponding to said authorized user codes; and

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a wireless front end adapted to transmit badge information retrieved from said database of badge information.

9. The network security station according to claim 8,

wherein:

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said wireless front end is a wireless piconet front end.

10. The network security station according to claim 9,

wherein:

said wireless piconet front end is a BLUETOOTH device.

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11. The electronic wireless badge device according to claim

9, wherein:

said badge information includes a photo of an authorized

wearer.

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12. A method of providing electronic badge information for display on a user's electronic wireless badge, comprising:

establishing a wireless network between a network security station and a plurality of electronic wireless badges;

5 transmitting badge display information to each of said plurality of electronic wireless badges; and

electronically displaying said badge display information on each of said plurality of electronic wireless badges.

10 13. The method of providing electronic badge information for display on a user's electronic wireless badge according to claim 12, wherein:

said wireless network is a wireless piconet network.

15 14. The method of providing electronic badge information for display on a user's electronic wireless badge according to claim 13, wherein:

said badge display information displayed on each of said plurality of electronic wireless badges is different.

20 15. The method of providing electronic badge information for display on a user's electronic wireless badge according to claim 13, further comprising:

25 authorizing said electronic wireless badges to receive badge display information.

16. The method of providing electronic badge information for display on a user's electronic wireless badge according to claim 13, further comprising:

5 altering said badge display information periodically to prevent fraud.

17. The method of providing electronic badge information for display on a user's electronic wireless badge according to claim 16, wherein said altering comprises:

10 flashing a display of said electronic wireless badges in concert.

18. The method of providing electronic badge information for display on a user's electronic wireless badge according to claim 13, further comprising:

15 linking badge information stored in said electronic wireless badge with an application computer.

19. The method of providing electronic badge information for display on a user's electronic wireless badge according to claim 18, wherein:

20 said application computer is a register checkout.

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20. Apparatus for providing electronic badge information for display on a user's electronic wireless badge, comprising:

means for establishing a wireless network between a network security station and a plurality of electronic wireless badges;

5 means for transmitting badge display information to each of said plurality of electronic wireless badges; and

means for electronically displaying said badge display information on each of said plurality of electronic wireless badges.

10 21. The apparatus for providing electronic badge information for display on a user's electronic wireless badge according to claim 20, wherein:

said means for establishing said wireless network establishes a wireless piconet network.

15 22. The apparatus for providing electronic badge information for display on a user's electronic wireless badge according to claim 21, wherein:

20 said means for electronically displaying said badge display information displays different badge information on each of said plurality of electronic wireless badges.

23. The apparatus for providing electronic badge information for display on a user's electronic wireless badge according to claim 21, further comprising:

means for authorizing said electronic wireless badges to receive badge display information.

24. The apparatus for providing electronic badge information for display on a user's electronic wireless badge according to claim 21, further comprising:

5 means for altering said badge display information periodically to prevent fraud.

25. The apparatus for providing electronic badge information for display on a user's electronic wireless badge according to claim 24, wherein said means for altering comprises:

10 means for flashing a display of said electronic wireless badges in concert.

26. The apparatus for providing electronic badge information for display on a user's electronic wireless badge according to claim 21, further comprising:

15 means for linking badge information stored in said electronic wireless badge with an application computer.

27. The apparatus for providing electronic badge information for display on a user's electronic wireless badge according to claim 26, wherein:

20 said application computer is a register checkout.

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